VINARSKIY, M.S.

Comparison of methods for processing the results of well-level tracking, classifications of absorption beds, and recommendations for their exclusion. Trudy VNIING no.2: 27-37 '63. (MIRA 17:5)

VINARSKIY, M.S.; FONDELIN, L.A.

Method for determining the structural-mechanical properties of cement muds and plugging mixtures. Burenie no.4:21-25 '64. (MIRA 18:5)

1. Volgogradskiy nauchno-issledovatel'skiy institut neftyanoy i gazovoy promyshlennosti.

VINARSKIY, M.S.

VINARSKIY, M.C., Cand Tech Sci -- (diss) "Study of phenomena of fluid absorption in wells with fissured and cavernous stratae and devising of measures for the elimination of complications in drilling." Based upon the experience of mining in Tatariya. Mos, 1958. 14 pp (Inst of Petroleum, Acad Sci USSR). 120 copies. (KL, 20-58,96)

TITKOV, N.I.; VINARSKIY, M.S.

Quality of mixtures for plugging absorption zones in wells. (MIRA 11:12)
Neft.khoz. 36 no.9:26-31 S '58.
(Oil well drilling fluids)

VINARSKIY, M. S.

"Some Problems of Preventing Drilling Fluid Filtration in Oilfields of the Tatar Republic"

Transactions of the Petroleum Institute, Acad. Sci. USSR, v. 11, Oil Field Industry, Moscow, Izd-vo AN SSSR, 1958. 346pp.

Sov/93-58-7-5/17

AUTHOR: Tikhov, N.I. and Vinarskiy, M.S.

TITLE: Studying Absorbing Horizons When Drilling for Oil (Issledovaniye poglotshchayushchikh gorizontov v protsesse bureniya neftyanykh skvazhin)

PERIODICAL: Neftyanoye khozyaystvo, 1958, Nr 7, pp. 17-23 (USSR)

ABSTRACT: This article states that capital investment in measures to prevent water escape during oil well drilling at the Romashkino oilfield (Table 1) can be reduced by studying more thoroughly the characteristics of the absorbing horizons and the conditions of fluid flow. This kind of study cannot be made by the stable yield method (Refs. 1,2) nor by the pressure build-up curve method (Ref.3) since they require long periods of water injection and well shutoff (Ref.4). The study of the liquid-level in relation to excess pressure drop in the absorbing horizons, as proposed by V.I. Mishchevich (Ref.5), has been criticized by V.N. Shchelkachev (Refs. 6,7). Nevertheless this method was employed to study the water conduction of individual strata at the Romashkino oilfield. In this study the liquid-level was measured with an electric level gage designed by Ye.P. Lukyanov of TatNII. The data were used to establish an empirical relationship between the rate of liquid-level drop at designated intervals in the well and the excess pressure on the absorbing horizon (Fig. 1). This relationship is expressed by $v = CP^{n}$, where v is the rate of change in

Card 1/2

Studying Absorbing Horizons (Cont.)

liquid level at designated intervals in the well, C - the rate of liquid-level drop at one atmosphere of excess pressure drop on the absorbing horizon, P - the excess pressure on the absorbing horizon created by the liquid-level height in each of the designated space intervals, and n - the exponent of fluid filtration in the well. The above formula does not differ from the formulas employed by M.S. Vinarskiy (Ref.8), B.M. Shayderov and A.A. Gayvoronskiy (Ref.9), and V.I. Mishchevich (Ref.5) in determining the absorptive capacity of formations. Furthermore, the first three of these scientists used the Shezi (Chezy)-Krasnopol'skiy law in their determinations, and Mishchevich used the formula of Smreker as reflected in Fig. 3. The shortcomings in the approach of these scientists are pointed out by V.P. Yakovlev (Ref.10). The authors of the present article maintain that the liquid-level method and graphic calculation of results are desirable for the study of absorbing horizons. This method is based on data characterizing each absorbing horizon and this makes it possible to determine the constant values for the $v = CP^n$ formula which characterizes the absorbing horizons. The authors support their conclusion by plotting curves of liquid-level drop (Fig.2) on the basis of data for two wells (Table 2). There are 3 figures, 2 tables, and 10 Soviet references.

Card 2/2 1. Well logging--Applications

11(0)

SOV/93-58-9-5/17

AUTHOR: Glikov, N.I. and Vinnovskiy, M.S.

TITLE: The Quality of Cements for Mixtures for Plugging Leaks During Oilwell Drilling (O kachestve cmesey dlya tamponazha pri poglosheniya v burvashchikhsya skvazhinakh)

PERIODICAL: Neftyanoye khozyaystvo, 1958, Nr 9, pp 26-31 (USSR)

ABSTRACT: The authors state that the specifications for RSS - bystroskhvatyvayushchikhsya smesey (rapid-setting mixtures) fail to specify the composition of the cement and of the addition agents. They suggest, therefore, that the chemical analyses of cements be made by the VNII scientific-research institutes and the mineralogical composition determined from the chemical analysis data with the aid of a set of tables as shown in Fig. 1. The authors state that the Oilwell drilling Laboratory of the Institut nefti AN SSSR (Petroleum Institute AN SSSR) and the laboratories of the VNII Drilling Department have studied the properties of fluid glass, calcium chloride, soda ash, and aluminum sulfate as set-accelerating agents and determined

Card 1/3

11(0) SOV/65-58-8-5/17

The Quality of Cement Mixtures (Cont.)

that aluminum sulfate, which is available in large quantities at low cost, is a good additive for plugging cements [Ref. 3]. It may also be that P.I. Rehbinder and other scientists [Ref. 1, 4, 5] have determined that sub-crystallizing agents increase the hardness of the minerals and provide disposition of the cement granules. Knowing that the peptizing effect produced by sub-crystallizing agents favors the hydration process, the authors made a quantitative study of the effect of various additives on the setting time of cement clinkers, as well as of the peptizing effect of these additives. The study was carried out with cement from the Stalinskiy shakhty-kombinat (Stalinskiy Mine and Shaft Combine) in the Donbass [SSSR, and from the "Krasnoarmeets" Plant in Volsk, Saratov Oblast]. The results given in Fig. 2 and Tables 1-2 confirm the peptizing effect of the additives, as well as the favorable effect of aluminum sulfate on the setting time of cement clinkers. Table 2 and Fig. 3 show how to determine the required composition of cement clinkers

Card 2/3

11(0) SOV/93-58-8-5/17

The Quality of Concrete Mixtures (Cont.)

including set-accelerating agents for plugging purposes during drilling. The data on liquid glass as a set-accelerating agent were obtained from the study of "Rastvorimoye steklo, yego svoystva, polucheniye i primeneniye" (Fluid Glass, Its Properties, Production, and Application), by A.I. Zhilina, published in Sverdlovsk-Moscow in 1939. There are 3 tables, 3 figures, and 5 references, 4 of which are Soviet and 1 English.

Card 3/3

TITKOV, N.I.; [illegible], N.A.; [illegible], [illegible]

Efficient methods for investigating [illegible] in the drilling of holes. Razved. i okh. nedr 30 no. 7:34-37 Jl '64. [illegible]

1. Institut geologii i razrabotki goryuchikh iskopayemykh AN SSSR (for Titkov). 2. Volgogradskiy nauchno-issledovatel'skiy institut nefti i gaza (for [illegible]). 3. Nizhnevolzhskiy nauchno-issledovatel'skiy institut geologii i geofiziki (for Kukin).

VINARSKIY, M. S

EPI
.R93373

BOR'BA OSLOZHNENIYAMI PRI BURENII

[HANDLING COMPLICATIONS DURING OIL DRIL-

LING] MOSKVA, GOSTOPTEKHIZDAT, 1956.

62 P. DIAGRS., GRAPHS, TABLES.

"LITERATURA": P. 61

VINARSKIY, M.S.

Combating the absorption of flushing fluids in Tatar oil fields.
Trudy Inst.nefti 11:154-164 '58. (MIRA 11:12)
(Leninogorsk District--Oil well drilling fluids)

TITKOV, N.I.; VINARSKIY, M.S.

Studying absorptive horizons in oil-well drilling. Neft. khoz. 36 no.7:17-23 Jl '58. (MIRA 11:12)
(Rocks--Permeability)

VINARSKIY, M.S.

Efficient method for restarting the circulation of drilling fluids. Neftianik 1 no.6:24-25 Je '56. (MIRA 10:12)

1. Nachal'nik proizvodstvenno-tekhnicheskogo otdela kontory bureniya No.1 tresta Tatbureneft'.
(Tatar A.S.S.R.--Oil well drilling fluids)

VINARSKIY, M. S. and KARIMOV, V. K.

"Water as Drilling Fluid in Deeper Holes," Neft. khoz., No.3, 1955

Translation D 372403

VINARSKIY, M.S.; NIKITENKO, A.A., vedushchiy redaktor; ERDENKO, V.S., tekhnicheskiy redaktor

[Overcoming difficulties in drilling] Bor'ba s oslozhneniiami pri burenii. Moskva, Gos. nauchno-tekhn. izd-vo neftianoi i gorno-toplivnoi lit-ry, 1956. 62 p. (MLRA 9:11)
(Oil well drilling)

VINARSKIY, M.S.; KARIMOV, V.Kh.

Extending the drilling interval in water. Neft.khoz. 33 no.3:28 Mr '55. (MLRA 8:6)

(Oil well drilling)

VINARSKIY, M.S.

AID P - 1768

Subject : USSR/Mining

Card 1/1 Pub. 78 - 6/26

Authors : Vinarskiy, M. S. and Kirimov, V. Kh.

Title : The increased space drilled with water as drilling fluid

Periodical : Neft. khoz., v.33, no.3, 28, Mr 1955

Abstract : The author presents some data showing that pure water can be used for greater spacing in oil well drilling before mud fluids must be applied.

Institution: None

Submitted : No date

VINARSKIY, M.S.

All-inclusive solution is necessary. Neftianik 6 no.12:10 D '61. (MIRA 14:12)

1. Nachal'nik otdela bureniya VNIING.
(Oil wells--Equipment and supplies)

TITKOV, N.I.; VINARSKIY, M.S.

Investigating plugging cement mixtures and selecting the optimal concentration of hardening accelerators. Neft. khoz. 42 no.12: 20-25 D '64 (MIRA 18:2)

VINARSKIY, M.S.

Comparing methods for handling the results of level tracking in wells, classifying the circulation-loss beds, and making recommendations for their exclusion. Trudy VNIING no.2:27-37 '63. (MIRA 17:10)

VINARSKIY, V.

Anticorrosive painting of gasholders. Prom. stroi. i inzh. soor. 5 no.2: 57-58 Mr-Ap '63. (MIRA 16:4)

1. Glavnyy inzhener tresta "Ukrmontazhkhimzashchita". (Gasholders) (Protective coatings)

VOLODIN, V.Ye.; DERESHKEVICH, Yu.V.; PAKHOMOV, N.M.; PASECHNIK, K.A.; BUKHARIN, Ye.V.; MOISEYEVA, Ye.I. Prinimali uchastiye: GRISHIN, M.Ye., inzh.; PROTOSAVITSKAYA, Ye.A., inzh.; GOFEN, D.A., inzh.; VINARSKIY, V.I., inzh.; PLUTENKO, V.P., inzh.. MOSHCHANSKIY, N.A., nauchnyy red.; TYAPKIN, B.G., red.izd-va; GURVICH, E.A., red.izd-va; MEDVEDEV, L.Ya., tekhn.red.

[Anticorrosive coatings for engineering structures and apparatus; a manual] Antikorroziinye pokrytiia stroitel'nykh konstruktsii i apparatury; spravochnoe posobie. Moskva, Gos.izd-vo lit-ry po stroit., arkhit. i stroit.materialam, 1959. 266 p. (MIRA 12:8)

1. Russia (1917- R.S.F.S.R.) Ministerstvo stroitel'stva. 2. Proyektno-konstruktorskoye byuro tresta Montazhkhimzashchita (for Volodin, Dereshkevich, Pakhomov, Pasechnik, Bukhatin, Moiseyeva). (Protective coatings) (Factories--Equipment and supplies)

SLASTENKO, D.M.; VINARSKIY, V.L.

Acid permeability of acidproof cements. TSements 29 no.1:13-14 Ja-F '63. (MIRA 16:2)

1. Khar'kovskiy inzhenerno-stroitel'nyy institut.
(Cement—Testing)

VINARSKIY, V.L.

Applying perchlorovinyl anticorrosive coatings. Prom. stroi. 42 no.12:48-51 D '64. (MIRA 18:3)

1. Glavnyy inzh. tresta Ukmontazhkhimizashchita.

VINARSKIY, V.L., inzh.

Corrosion protection of shops producing chlorine. Prom. stroi. 40 (Ave. 41] no.4:35-37 Ap '63. (MIRA 16:3)

1. Trest Ukrmontazhkhimzashchita Ministerstva stroitel'stva UkrSSR.
(Protective coatings) (Chlorine)

VINARSKIY, V.L., inzh.

Anticorrosive coatings for outdoor structural elements.
Prom. stroi. 40 no.9:45-48 '62. (MIRA 15:11)

1. Ukromontazhkhimzashchita.
(Protective coatings)

VINARSKIY, V.L., inzh.

Using "cold" bituminous mastics for protecting engineering structures from corrosion. Mov.tekh.mont.i spets.rab.v stroi. 21 no.5: 18-20 My '59. (MIRA 12:7)

1. Khar'kovskoye upravleniye Montazhkhimzashchita Ministroya USSR.
(Bituminous materials) (Protective coatings)

VINARSKIY, V.L.

Protecting electroplating and etching shops from corrosion. Prom. stroi. 37 no.7:56 Jl '59. (MIRA 12:10)

1.Glavnyy inzhener upravleniya "Montazhkhimzashchita."
(Floors, Concrete) (Corrosion and anticorrosives)

VINARSKIY, V.L., inzh.

Preventing corrosion of metal air ducts. Mov.tekh.mont. i spets. rab. v stroi. 21 no.1:28-30 Ja '59. (MIRA 12:1)
(Corrosion and anticorrosives)
(Factories--Heating and ventilation)

AUTHOR: VINARSKIY,V.L.

TITLE: Anticorrosive Lining of the Pickling Baths by Polyisobutylene Under Layer. (Protivokorrozionnoye pokrytiye travil'nykh vann s poliizobutilenovym podsloyem, Russian) PA - 2424

PERIODICAL: Stal', 1957, Vol 17, Nr 3, pp 272-273 (U.S.S.R.)

Received: 5 / 1957 Reviewed: 5 / 1957

ABSTRACT: Data for the six types of linings for pickling baths which are being used in plants on the river Dnepr and in the South are given. The pickling baths, which are protected against corrosion by means of a complicated gumming-process are compared with a pickling bath with a less expensive lining consisting of polyisobutylene, which requires no vulcanization. It is shown that the latter can be recommended for baths with a capacity of 4 - 8 cbm and more. The bottom layer of polyisobutylene is 3 mm thick, the measurements of the acid-proof plates of the coating are 175 x 175 x 50 mm and are arranged in 2 layers (first one brick, and then half a brick). The thickness of the lining is 171 mm, weight 446 kg/qm, price Rb 483.-/qm, the maximum temperature of the bottom layer is 55,7° C. (2 tables and 2 illustrations).

ASSOCIATION: Administration of the Trust "Montazhkhimzashchita" at Khar'kov

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SUBMITTED:

AVAILABLE: Library of Congress

Card 1/1

VINARSKIY, V.L., inzh.

Protection of water heating equipment against corrosion.
Elek. sta. 33 no.5:19-21 My '62. (MIRA 15:7)
(Water heaters--Protective coatings)
(Pipelines--Protective coatings)

VINARSKIY, V.L., inzh..

Protecting ventilating pipes from corrosion. Mont.i spets.rab. v stroi. 22 no.10:17-19 O '60. (MIRA 13:9)

1. Trest Ukrmontazhkhimzashchita.
(Factories--Heating and ventilation)
(Corrosion and anticorrosives)

VINARSKIY, Vladimir Lazarevich; ALEKSANDROVSKIY, A., red.; BARIL'CHANOVA, G., tekhn. red.

[Manual of a worker engaged in corrosion control]Spravochnik mastera protivokorroznykh rabot. Kiev, Gosstroiizdat USSR, 1962. 167 p. (MIRA 16:3)
(Corrosion and anticorrosives--Handbooks, manuals, etc.)

VINARSKIY, Ye.N., inzhener; LINKOV, A.V., inzhener; MAZING, I.V., inzhener; CHERNYAVKO, V.I., inzhener; RYKHNINA, R.I., inzhener; CHUPRINA, N.A., inzhener. PLOTNIKOVA, M.Z., inzhener; LEYPSON, A.M., inzhener; LELYAKOVA, L.P., inzhener; MANDALOVSKAYA, M.V., inzhener; UZUNKUYAN, I.D., inzhener; SEVRYUKOV, Ye.G., inzhener; VINARSKIY, Ye.N., redaktor; ALADOVA, Ye.I., tekhnicheskiy redaktor

[Metal demountable headframe] Prokhodcheskie metallicheskie sborno-razbornye kopry. Moskva, Ugletekhizdat, 1954. 110 p. (MLRA 8:4)

1. Moscow. Vsesoyuznyy nauchno-issledovatel'skiy institut organizatsii i mekhanizatsii shakhtnogo stroitel'stva.
(Mine buildings)

VINARSKIY, Ye.N., inzhener

Miners' headframes. Ugol' 30 no.6:24-25 Je '55. (MLRA 8:8)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut organizatsii i mekhanizatsii shakhtnogo stroitel'stva.
(Mining engineering)

KIMARSKIY, Yefim Naumovich, inzhener; LINKOV, Aleksandr Viktorovich, inzhener; KLOMIK'YAN, V.Kh., otvetstvennyy redaktor; SMIRNOV, L.V., redaktor izdatel'stva; KOROVENKOVA, Z.A., tekhnicheskiy redaktor; ALADOVA, Ye.I., tekhnicheskiy redaktor

[Assembling and dismantling sectional headframes] Sborno-razbornye prokhodcheskie kopry. Moskva, Ugletekhizdat, 1957. 104 p. (MLRA 10:7)
(Mining engineering)

BUBLIKOV, Yevgeniy Vladimirovich, inzh.; VINARSKIY, Yerim Naumovich, inzh.; DANCHICH, Valeriy Valerianovich, inzh.; DOKUKIN, Oleg Semenovich, inzh.; LINKOV, Aleksandr Viktorovich, inzh.; TELEPNEV, Dmitriy Yakovlevich, inzh.; FEDOROV, Sergey Vasil'yevich, inzh.; FEDOROV, Georgiy Dmitriyevich, inzh.; YAKUSHIN, Nikolay Petrovich, kand.tekhn. nauk, inzh.; ZHADAYEV, V.G., otv.red.; SMIRNOV, L.V., red.izd-va; SABITOV, A., tekhn.red.

[Selection of equipment for vertical shaft sinking] Vygor oborudovaniia dlia prokhodki vertikal'nykh stvolov shakht. Moskva, Ugletekhizdat, 1959. 251 p. (MIRA 12:8)

1. Sotrudniki Ukrainskogo Nauchno-issledovatel'skogo instituta organizatsii i mekhanizatsii shakhtnogo stroitel'stva (UkrNIICMShS) (for all except Zhadayev, Smirnov, Sabitov).
(Shaft sinking) (Mining machinery)

VINARSKIY, Yefim Naumovich, inzh.; LINKOV, Aleksandr Viktorovich, inzh.; KLORIK'YAN, V.Kh., otv. red.; KOSTON'YAN, A.Ya., red. izd-va; BOLDYREVA, Z.A., tekhn. red.

[Headframes for shaft sinking] Kopry dlia prokhodki shakhtnykh stvolov. Moskva, Gosgortekhizdat, 1962. 182 p. (MIRA 15:5)
(Shaft sinking--Equipment and supplies)

BICHIR, Nastase I.; VINARU, Luchian C., fizician (Bucuresti)

Practical methods for measuring the noise produced by electric rotary machines. Electrotehnica 11 no. 11/12:440-445 N-D '63.

1. Chief researcher at the I.C.P.E. 2. I.C.P.E. (for Vinaru).

VINAS, S.

"Czechoslovak standards for testing and calculations in the refrigeration technique and the international testing standards." (Supplement).

Prumysl Potravin. Praha, Czechoslovakia. Vol. 9, no. 11, 1958.

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 6, Jun 59, Unclas.

VINAS, S.

"Czechoslovak standards for testing and calculations in the refrigeration technique and the international testing standards. (Supplement) p. 20."

PRUMYSL POTRAVIN. Praha, Czechoslovakia. Vol. 9, no. 11, 1958.

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 6, Jun 59 unclas

VINAVER, inzh.

Accelarated drying of green brick in sheds with grate floors.
Rats. i izobr. predl. v stroi. no.6:96-98 '58. (MIRA 11:10)
(Bricks--Drying)

VINAVER, I.A.

Progressivnaia organizatsiia proizvodstva i rezervy snizheniia sebestoimosti. (Vestn. Mash., 1949, no. 5, p.64-66)

Refers to Shcherbakovskii zavod

Improved industrial organization and reducing working costs.

DLC: TN4. V4

SO: Manufacturing and Mechanical Engineering in the Soviet Union, Library of Congress, 1953.

BELKIN, Rafail Samuilovich, dotsent; VINBERG, A.I., prof., doktor yuridich. nauk, red.

[Theory of and practice in testing the materials of criminal investigation] Teoriia i praktika sledstvennogo eksperimenta. Pod obshchei red. A.I.Vinberga. Moskva, Vysshaia shkola MVD SSSR, 1959. 169 p. (MIRA 13:4)

(Criminal investigation)

VINBERG, A.I.

VINBERG, A.I. - Kriminalisticheskaya ekspertiza pis'ma (Criminologic Examination of Letters) 1940. Not in L.C.

VINBERG, A.I. and EISMAN, A.A.

VINBERG, A.I. and EISMAN, A.A. - Fototelegrafiya i zvukozis' v kriminalistike (Phototelegraphy and Sound Writing in Criminology) 1946. Not in LC

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927.640
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VINBERG, A.I.

VINBERG, A.I. -Osnovyye printsipy sovetskoi kriminalisticheskoi ekspertizy (Basic Principles of Soviet Criminal Investigation) 1949. (Includes a bibliography and a short history of the organization of legal medical research.)

SHAVER, D.N. and VINBERG, A.I.

SHAVER, D.N. and VINBERG, A.I. - Kriminalistika (Criminology) 4th ed., 1950

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VINBERG, B.; LIBIN, S.

New trolley head. Zhil.-kom. khoz. 7 no.3:27-28 '57.
(MLRA 10:4)

1. Starshiy inzhener zavoda "Dinamo" im. S.M. Kirova (for Vinberg).
2. Starshiy inzhener Tramvayno-trolleybusnogo upravleniya Mosgorispolkoma (for Libin).
(Electric current collectors) (Trolley buses)

VINBERG, B.G., inzh.; LIBIN, Ye.B., inzh.

Improved design for the head of the trolley bus current collector. Gor. khoz. Mosk. 32 no.5:31-32 My '58. (MIRA 11:5)
(Trolley buses)
(Electric current collectors)

TRAKHTMAN, I.M.; IOFFE, A.B.; CHERNYY, M.I.; KUZNETSOV, S.M.; SOLOV'YEV, N. P.; DOROGUSH, G.I.; KAPUSTIN, L.D.; VINBERG, B.G.; RUBCHINSKIY, Z. M.; PETRO, G.A.; ZAGORDAN, N.M.; BRAVIN, V.F.

Multiple-unit rail car with regenerative braking. Prom. energ. 15 no.11:18-19 N '60. (MIRA 14:9)
(Railroad motorcars) (Electric railway motors)

ZAKHARCHENKO, D.D,dotsent, kandidat tekhnicheskikh nauk; ISAYEV, I.P., dotsent, kandidat tekhnicheskikh nauk; KALININ, V.K.,inzhener; KREST'YANOV, M.Ye.,dotsent, kandidat tekhnicheskikh nauk; LAKSHTOVSKIY, I.A.,dotsent, kandidat tekhnicheskikh nauk; MARKVARDT, K.G.,professor, doktor tekhnicheskikh nauk; MEDEL', V.B., professor, doktor tekhnicheskikh nauk; MIRONOV, K.A.,inzhener; MIKHAYLOV, N.M.,dotsent, kandidat tekhnicheskikh nauk; NAKHODKIN, M.D., dotsent, kandidat tekhnicheskikh nauk; OZEMBLOVSKIY, Ch.S., inzhener; OSIPOV, S.I.,inzhener; ROMASHKOV, S.G.,inzhener; SOKOLOV, L.S.,inzhener; FAMINSKIY, G.V.,kandidat tekhnicheskikh nauk; SHATSILLO, A.A.,inzhener; SHLYAKHTO, P.N.,dotsent, kandidat tekhnicheskikh nauk; BOVE, Ye.G.,kandidat tekhnicheskikh nauk, retsenzent; FERTSOVSKIY, L.M.,inzhener, retsenzent; ALEKSEYEV, A.Ye.,professor, doktor tekhnicheskikh nauk, retsenzent; BATALOV, N.M.,inzhener, retsenzent; VINBERG, B.N.,inzhener, retsenzent; GRACHEVA, L.O., kandidat tekhnicheskikh nauk, retsenzent; YEVDOKIMOV, A.M., inzhener, retsenzent; KALININ, S.S.,inzhener, retsenzent; TRAKHTMAN, L.M.,kandidat tekhnicheskikh nauk,retsenzent; PYLENKOV, A.P.,inzhener, retsenzent; GOKHSHTEIN, B.Ya.,kandidat tekhnicheskikh nauk, retsenzent; IL'IN, I.P.,inzhener, retsenzent; NAKHODKIN, M.D.,dotsent, kandidat tekhnicheskikh nauk, retsenzent; TISHCHENKO, A.I.,otvetstvennyy redaktor; BERSHEVICH, I.I., kandidat tekhnicheskikh nauk, redaktor; ZOROKHOVICH, A.Ye.,dotsent kandidat tekhnicheskikh nauk, redaktor; LUTSENKO, Ye.G.,inzhener, redaktor; ROGOZHIN, A.P.,inzhener, redaktor; SIDOROV, N.I., inzhener, redaktor; VERINA, G.P.,tekhnicheskiy redaktor

(Continued on next card)

ZAKHARCHENKO, D.D.---(continued) Card 2.

[Technical manual for railroad workers] Tekhnicheskii spravochnik zheleznodorozhnika. Red. kollegiia R.O. Granovskii i dr. Moskva, Gos. transp. zhel-dor. izd-vo. Vol. 9.[Electric railroad rolling stock] Elektropodvizhnoi sostav zheleznykh dorog. Otv. red. toma A.I. Tishchenko. 1957. 652 p. (MLRA 10:4)

1. Chlen-korrespondent Akademii nauk SSSR. (for Alekseyev)
(Electric railroads--Rolling stock)

VINBERG, E.B.

Structure of a group of automorphisms of a homogeneous convex cone. Trudy Mosk. mat. ob-va 13:54-83 '65. (MIRA 18:9)

16(1) SOV/20-128-4-3/65

AUTHOR: Vinberg, E.B.

TITLE: On Invariant Linear Connectivities

PERIODICAL: Doklady Akademii nauk SSSR, 1959,Vol 128,Nr 4,pp 653-654 (USSR)

ABSTRACT: Let a homogeneous space be the totality of a manifold V and the transitive group G of differentiable transformations of V. Let G be a connected Lie group. The homogeneous space $\{V,G\}$ is called completely reducible if the isotropy group is completely reducible.

Theorem 1: Let the homogeneous space (V,G) be completely reducible; let G be effective and let the stationary subgroup H contain only finitely many connected components. Then the following assertions are equivalent: 1) $\{V,G\}$ is reductive [Ref 1]; 2) $\{V,G\}$ admits an invariant linear connection; 3) the Lie algebra of the group H is reductive, i.e. it is a direct sum of its center and a semi-simple algebra.

Theorem 2: If the stationary subgroup is connected and one-dimensional, then the homogeneous space admits an invariant linear connection.

Three further theorems relate to homogeneous spaces with a semisimple group which admit an invariant locally plane linear

Card 1/2

connection, and to so-called transitive linear representations of the Lie algebra of the group G.
The author mentions Ye.B.Dynkin.
There are 4 references, 1 of which is Soviet, 1 Japanese, and 2 American.

ASSOCIATION: Moskovskiy gosudarstvennyy universitet imeni M.V.Lomonosova (Moscow State University imeni M.V.Lomonosov)

PRESENTED: May 29, 1959, by P.S.Aleksandrov, Academician

SUBMITTED: April 7, 1959

VINBERG, E.B.

Homogeneous cones. Dokl.AN SSSR 133 no.1:9-12 Jl '60. (MIRA 13:7)

1. Moskovskiy gosudarstvennyy universitet imeni M.V. Lomonosova. Predstavleno akademikom P.S. Aleksandrovym.
(Spaces, Generalized)

VINBERG, E.B.

Invariant linear connections on homogeneous space. Trudy Mosk. mat.ob-va 9:191-210 '60. (MIRA 13:9)
(Lie algebras)

VINBERG, E.B.

Morozov-Borel's theorem for real Lie groups. Dokl. AN SSSR 141 no.2:270-273 N '61. (MIRA 14:11)

1. Moskovskiy gosudarstvennyy universitet im. M.V.Lomonosova. Predstavleno akademikom P.S.Aleksandrovym.
(Groups, Theory of) (Lie algebras)

VINBERG, E.B.

Automorphisms of homogeneous convex cones. Dokl. AN SSSR 143 no.2:265-268 Mr '62. (MIRA 15:3)

1. Moskovskiy gosudarstvennyy universitet im. M.V.Lomonosova. Predstavleno akademikom P.S.Aleksandrovym.
(Lie algebras)

VINBERG, E.B.

Theory of uniform convex cones. Trudy Mosk. mat. ob-va 12: 303-358 '63. (MIRA 16:11)

VINBERG, E.B.; GINDIKIN, S.G.; PYATETSKIY-SHAPIRO, I.I.

Classification and canonic realization of complex homogeneous bounded regions. Trudy Mosk. mat. ob-va 12:359-388 '63. (MIRA 16:11)

VINBERG, E.B.

Theorem on the infinite-dimensionality of associative algebra.
Izv. AN SSSR. Ser.mat. 29 no.1:209-214 '65.
(MIRA 18:4)

VINBERG, B.G.

AK-11B pressure regulator. Elek.i tepl.tiaga 3 no.7:
44-45 Jl '59. (MIRA 13:3)

1. Starshiy inzhener zavoda "Dinamo."
(Electric locomotives) (Pressure regulators)

VINBERG, G.

"Temperature optimum of Development", (p. 560) by Vinberg, G.

SO: Advances in Contemporary Biology (USPEKKI SOVREMENNOI BIOLOGII) Vol. V, No. 3 1936

VINBERG, G. G.

"The Permeability Conference", (p. 746) by Vinberg, G. G.

SO: Advances in Contemporary Biology (USPEKHI SOVREMENNOI BIOLOGII) Vol. V, No. 4 1936

VINBERG, G. G.

"Temperature and size of biological objects." (p. 32) by Vinberg, G. G.

SO: Advances in Contemrorary Biology (Uspekhi Sovremennoi Biologie) Vo.. VI, No. 1 1937

VINBERG, G. G.

"E. Harvey. Parthenogenetic merogony." (p. 188) rev. by Vinberg, G. G.

SO: Advances in Contemporary Biology (Uspekhi Sovremennoi Biologie) Vol. VI, No. 1 1937

VINBERG, G.

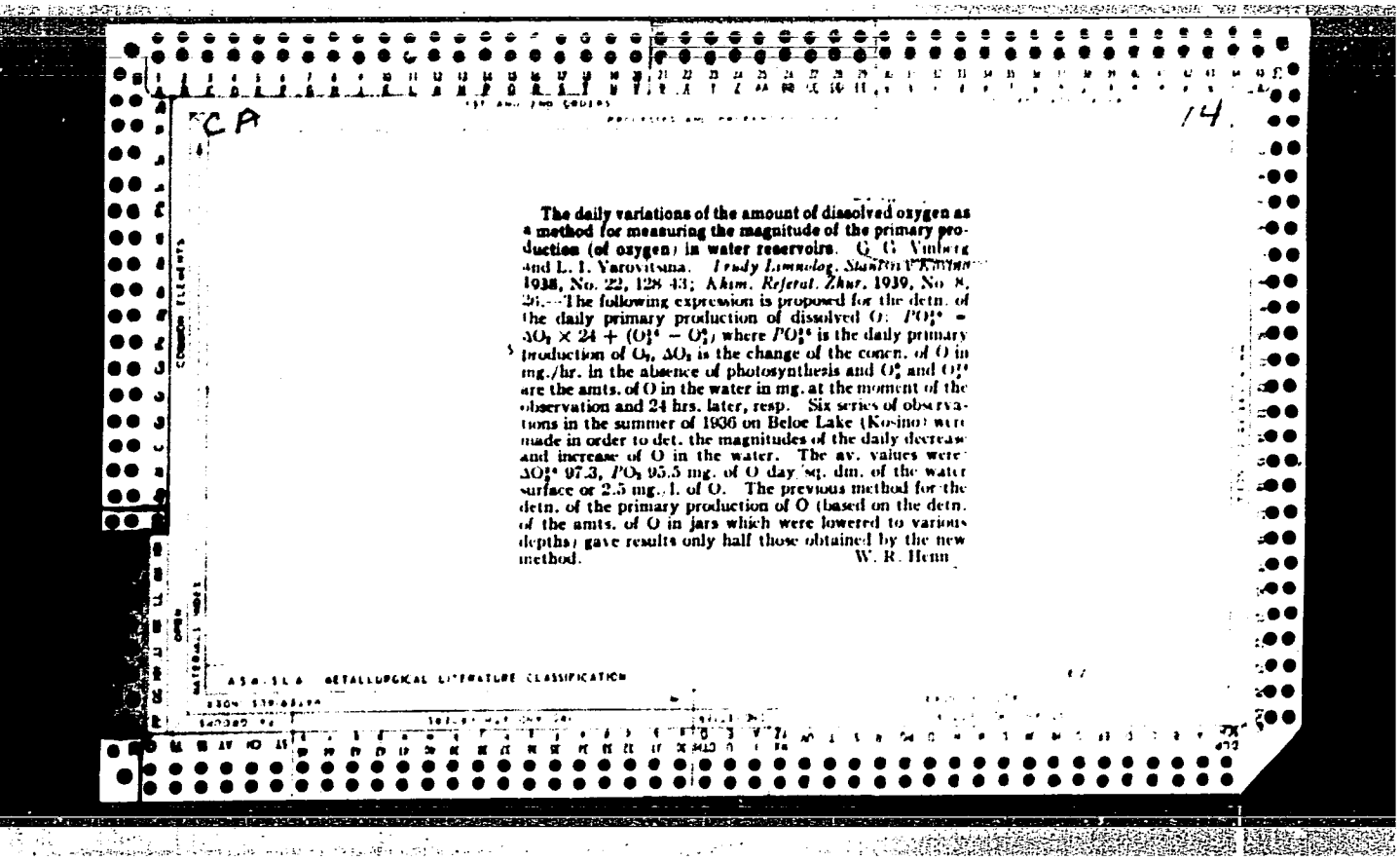
"Seifritz, Protoplasm." (p. 537) Rev. by G. Vinberg

SO: Advances in Contemporary Biology (Uspekki Sovremennoi Biologii) Vol. VIII, No. 3, 1938

VINBERG, G.

"Culture Methods for Invertebrate Animals." (p.155) Rev. by Virberg, G.

SO: Advances in Contemporary Biology (Uspekki Sovremennoi Biologii) Vol. IX, No. 1 1938

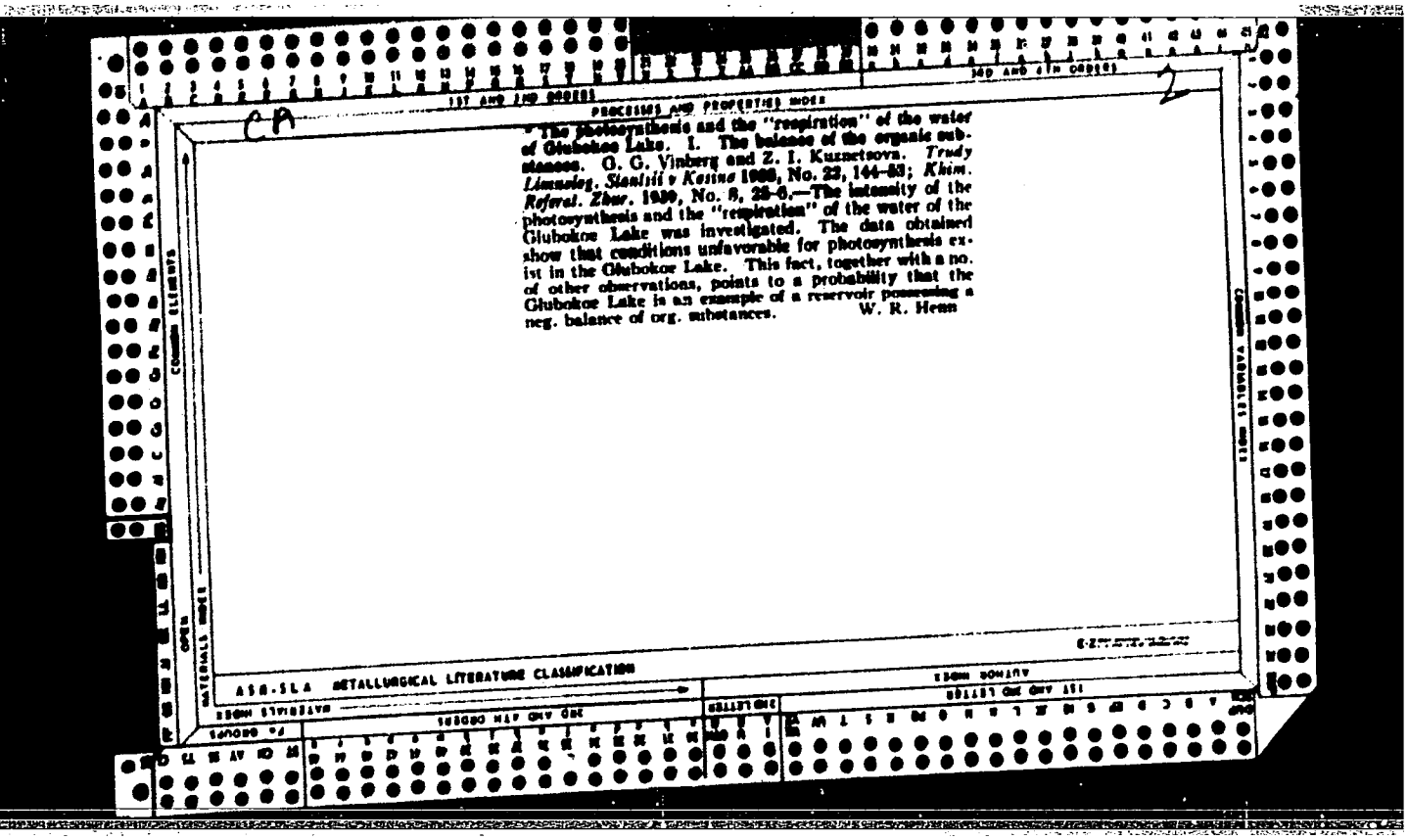


CA

14

The daily variations of the amount of dissolved oxygen as a method for measuring the magnitude of the primary production (of oxygen) in water reservoirs. G. G. Vinberg and L. I. Yarovitsina. *Trudy Limnolog. Stantsii v Kosine* 1938, No. 22, 128-43; *Khim. Referat. Zhur.* 1939, No. 8, 26.—The following expression is proposed for the detn. of the daily primary production of dissolved O: $PO_2^t = \Delta O_2 \times 24 + (O_2^t - O_2^o)$, where PO_2^t is the daily primary production of O_2, ΔO_2 is the change of the concn. of O in mg./hr. in the absence of photosynthesis and O_2^o and O_2^t are the amts. of O in the water in mg. at the moment of the observation and 24 hrs. later, resp. Six series of observations in the summer of 1936 on Beloe Lake (Kosino) were made in order to det. the magnitudes of the daily decrease and increase of O in the water. The av. values were ΔO_2^o 97.3, PO_2 95.5 mg. of O day/sq. dm. of the water surface or 2.5 mg./l. of O. The previous method for the detn. of the primary production of O (based on the detn. of the amts. of O in jars which were lowered to various depths) gave results only half those obtained by the new method.

W. R. Henn



"The photosynthesis and the "respiration" of the water of Glubokoe Lake. I. The balance of the organic substances. G. G. Vinberg and Z. I. Kuznetsova. *Trudy Limnolog. Stantsii v Kosine* 1939, No. 22, 144-63; *Khim. Referat. Zhur.* 1939, No. 8, 25-6.—The intensity of the photosynthesis and the "respiration" of the water of the Glubokoe Lake was investigated. The data obtained show that conditions unfavorable for photosynthesis exist in the Glubokoe Lake. This fact, together with a no. of other observations, points to a probability that the Glubokoe Lake is an example of a reservoir possessing a neg. balance of org. substances. W. R. Heam

VINBERG, G. G.

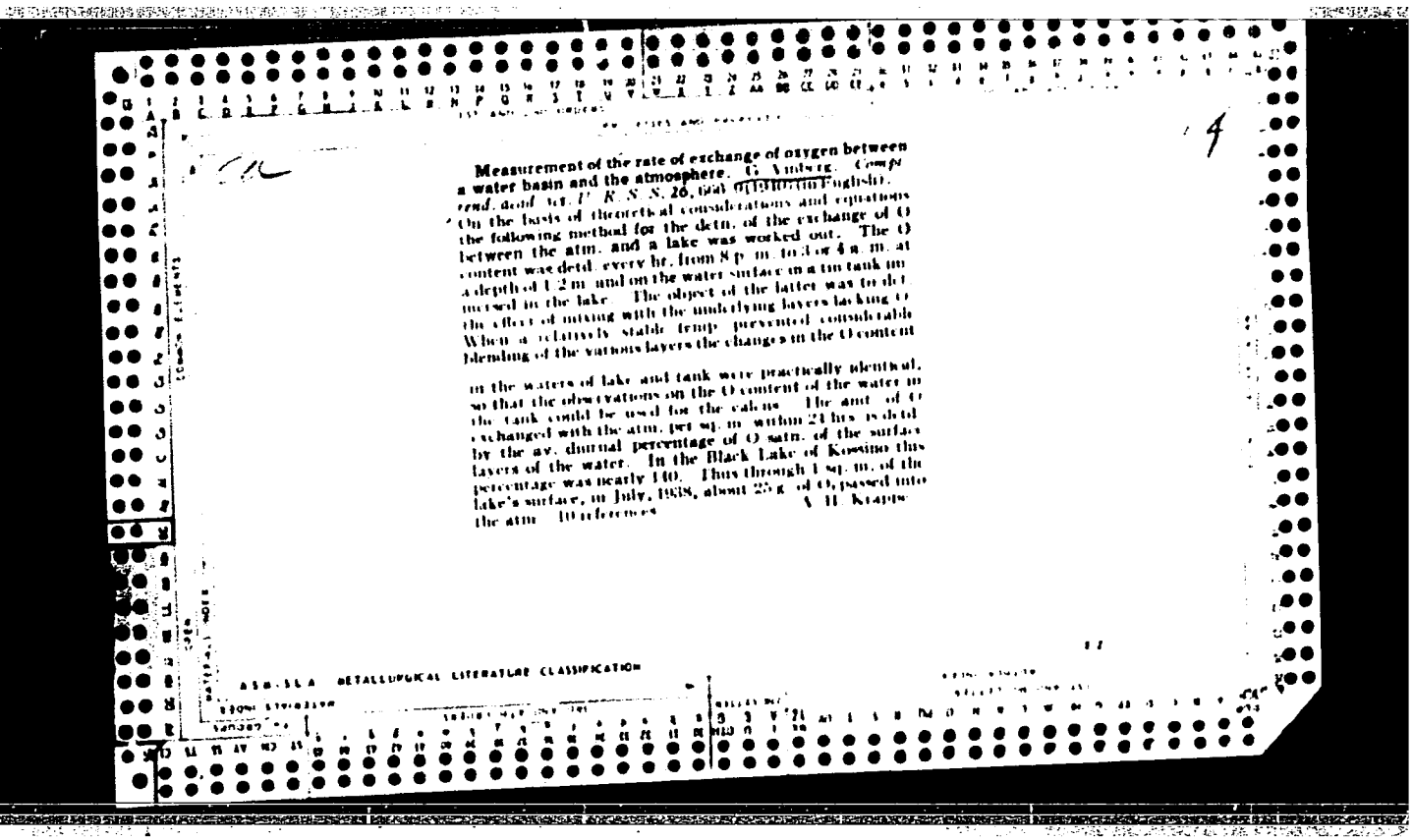
"The Absorption of the Ions in Equatic (sic) Animals" (p. 162) by Vinberg, G. G.

SO: Advances in Contemporary Biology, (Uspekhi Sovremennoi Biologii), Vol. X, No. 1, 1939

VINBERG, G. G.

"Heilbrun, L. V., An Outline of General Physiology" Rev. (p. 180) by Vinberg, G. G.

SO: Advances in Contemporary Biology, (Uspekhi Sovremennoi Biologii), Vol. X, No. 1, 1939



Measurement of the rate of exchange of oxygen between a water basin and the atmosphere. G. Vinberg. *Compt. rend. dokl. sci. U. R. S. S.* 26, 604 (1940) (in English).

On the basis of theoretical considerations and equations the following method for the detn. of the exchange of O between the atm. and a lake was worked out. The O content was detd. every hr. from 8 p. m. to 4 or 4 a. m. at a depth of 1.2 m. and on the water surface in a tin tank immersed in the lake. The object of the latter was to eliminate the effect of mixing with the underlying layers lacking O. When a relatively stable temp. prevented considerable blending of the various layers the changes in the O content in the waters of lake and tank were practically identical, so that the observations on the O content of the water in the tank could be used for the calcns. The amt. of O exchanged with the atm. per sq. m. within 24 hrs. is detd. by the av. diurnal percentage of O satn. of the surface layers of the water. In the Black Lake of Kossino this percentage was nearly 140. Thus through 1 sq. m. of the lake's surface, in July, 1938, about 25 g. of O, passed into the atm. 10 references. A. H. Krappe

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

VINBERG, G. G.

"A Conference Devoted to Problems of Hydrobiology and Ichtyology (Moscow, March 10-15, 1945) (p. 257) by Vinberg, G. G.

SO: Advances in Modern Biology (Uspekhi Sovremennoi Biologii) Vol. 20, No.2, 1945.

VINBERG, G. G.

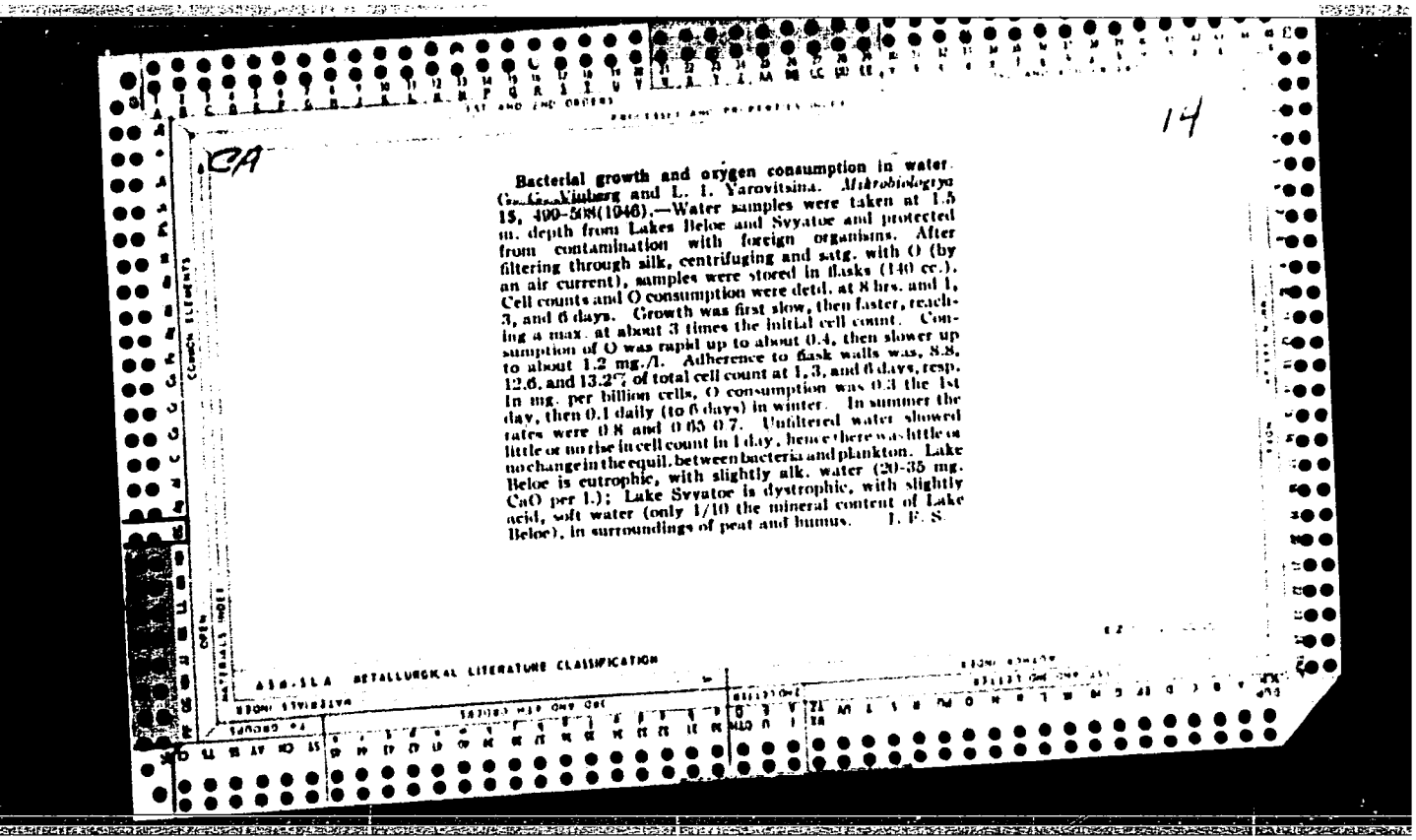
"Non-electrolytes," (p. 254) by Lazarev, V. N. (Leningrad, 1944, 272 pages)
Reviewed by Vinberg, G. G.

SO: Advances in Modern Biology (Uspekhi Sovremennoi Biologii) Vol. 20, No.2, 1945.

VINBERG, G. G.

"An Artificial Increase of the Productivity of the Sea" (p. 350) by Vinberg, G. G.

SO: Advance in Modern Biology (Uspekhi Sovremennoi Biologii) Vol. XX, No.3, 1945.



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CA

Bacterial growth and oxygen consumption in water. G. [illegible]berg and L. I. Yarovitsina. *Mikrobiologiya* 15, 499–508(1946).—Water samples were taken at 1.5 m. depth from Lakes Beloe and Svyatoe and protected from contamination with foreign organisms. After filtering through silk, centrifuging and satg. with O (by an air current), samples were stored in flasks (140 cc.). Cell counts and O consumption were detd. at 8 hrs. and 1, 3, and 6 days. Growth was first slow, then faster, reaching a max. at about 3 times the initial cell count. Consumption of O was rapid up to about 0.4, then slower up to about 1.2 mg./l. Adherence to flask walls was, 8.8, 12.6, and 13.2% of total cell count at 1, 3, and 6 days, resp. In mg. per billion cells, O consumption was 0.3 the 1st day, then 0.1 daily (to 6 days) in winter. In summer the rates were 0.8 and 0.65 0.7. Unfiltered water showed little or no rise in cell count in 1 day, hence there was little or no change in the equil. between bacteria and plankton. Lake Beloe is eutrophic, with slightly alk. water (20–35 mg. CaO per l.); Lake Svyatoe is dystrophic, with slightly acid, soft water (only 1/10 the mineral content of Lake Beloe), in surroundings of peat and humus. I. F. S.

VINBERG, G. G. (Moscow)

"Respiration Rate in Bacteria" (p.A.1) by Vinberg, G. G.

SO: Advances in Modern Biology (Uspekhi Sovremennoi Biologii) Vol. XXI, No. 3, 1946

VI[illegible]RG, G. G. (Reviewed)

"A Symposium on Hydrobiology" (p.[illegible])
(The University of Wisconsin Press, M[illegible], 1941, [illegible]) Rev[illegible] G. G. Vi[illegible]

SO: Advances in Modern Biology (Uspekhi Sovremennoi Biologii) Vol. XVI, No. 3, 1[illegible]

VINBERG, G. G.

"Conference on hydrobiology" (p. 465) by G. G. Vinberg

SO: Advances in Modern Biology (Usepkhi Sovremonnoi Biologii) Vol. XXIII, No. 3, 1947 (May-June)

VINBERG, G. G. PA 25/49T54

USSR/Medicine -- Plankton Dec 48
Medicine -- Sunlight

"Efficiency of the Utilization of Solar Radiation by Plankton," G. G. Vinberg, 6 pp

"Priroda" No 12

All life derives some of its energy from the sun. Briefly describes amount of energy plankton draw from the sun. Studies conducted at various USSR lakes. Suggests further study in this field.

[redacted] 25/49T54

VINBERT, G. G.

TA 41T79

USSR/Medicine - Invertebrates Jan/Feb 1948
Medicine - Oxygen - Deficiency

"Passive Anaerobiosis and Microaerophilic Changes in Invertebrates," G. G. Vinbert, Minsk, 16 pp

"Uspekh Sovremen Biol" Vol XXV, No 1

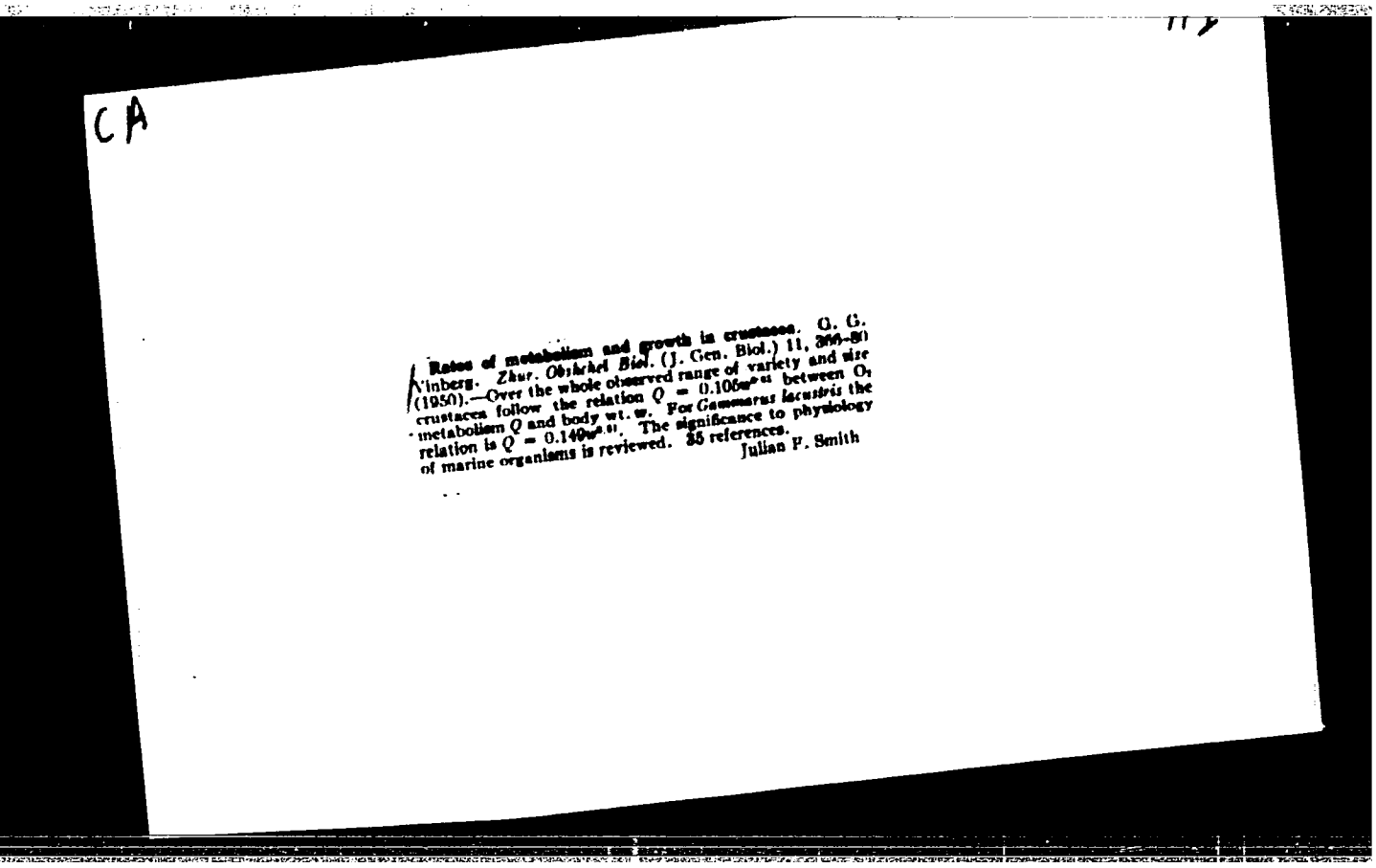
Discusses some aspects of anoxybiosis, the explanation of which will lead to understanding of the whole process. Only discusses the biological aspect of the problem, however, thus emphasizing those physioecological properties evidenced by those forms that have adapted themselves to extreme anaerobic conditions.

LC 41T79

VINBERG, G.G.

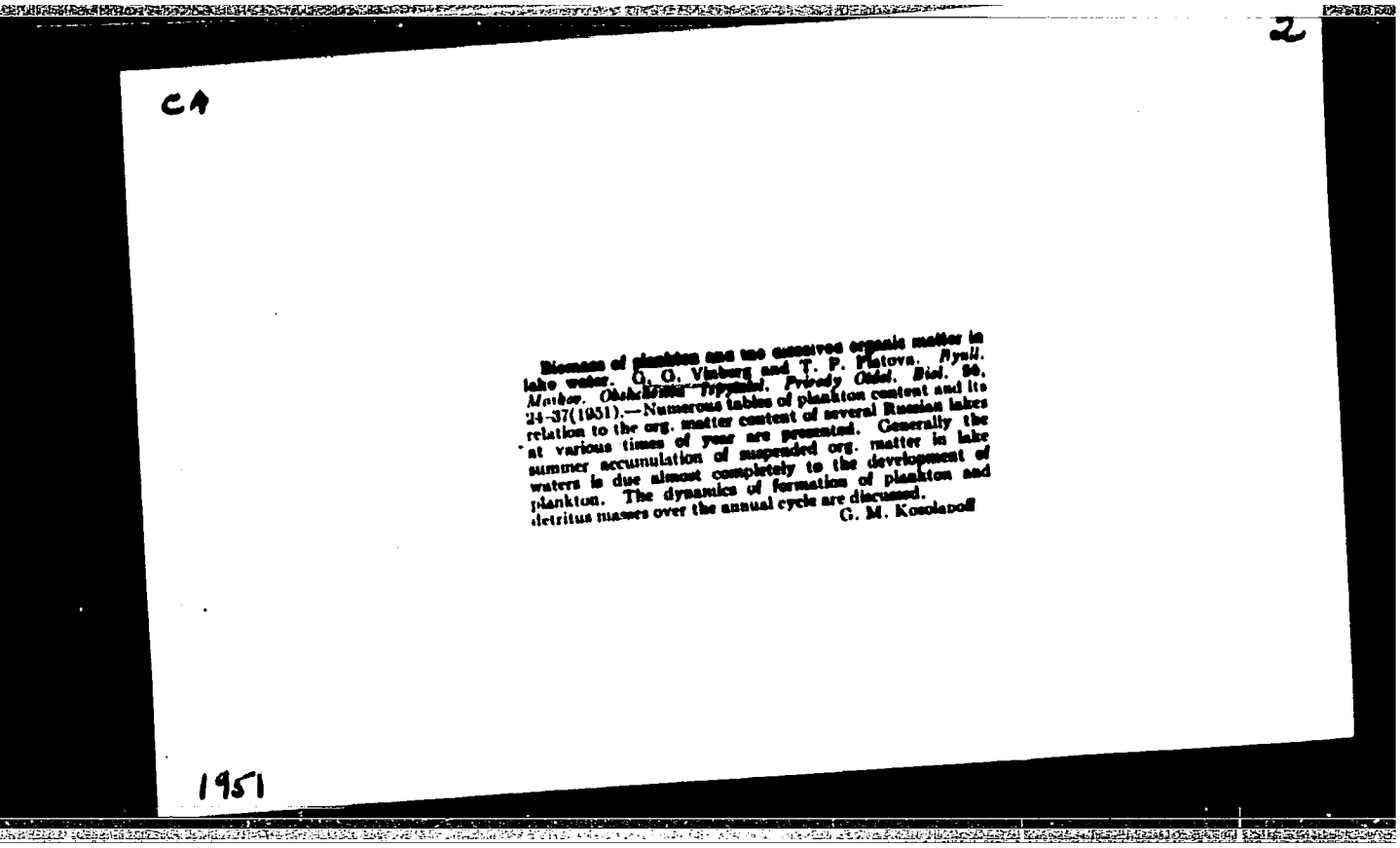
"Intensity Of Metabolism In Protozoa." (p.226) by G.G. Vinberg

SO: Progress of Contemporary Biology (Usp. Sovrem. Biol.) Vol.XXVIII, 19491 No.5 Pt. 2
(4) (July-Aug.)



CA

Rates of metabolism and growth in crustacea. G. G. Winberg. *Zhur. Obshchei Biol.* (J. Gen. Biol.) 11, 399–80 (1950).—Over the whole observed range of variety and size crustacea follow the relation $Q = 0.106w^{0.81}$ between O_2 metabolism Q and body wt. w. For *Gammarus lacustris* the relation is $Q = 0.140w^{0.81}$. The significance to physiology of marine organisms is reviewed. 35 references.
Julian P. Smith



2

CA

Biomass of plankton and the conserved organic matter in lake water. O. O. Vinberg and T. P. Platova. *Ryull. Moskov. Obshchestva Ispytatelei Prirody, Otdel. Biol.* 56, 24–37(1951).—Numerous tables of plankton content and its relation to the org. matter content of several Russian lakes at various times of year are presented. Generally the summer accumulation of suspended org. matter in lake waters is due almost completely to the development of plankton. The dynamics of formation of plankton and detritus masses over the annual cycle are discussed.
G. M. Kosolapoff

1951

VINBERG, G. G.

USSR/Biology - Microbiology, Sanitation

Mar/Apr 52

"Some Observations on the 'Green Bacteria,'" G. G. Vinberg, T. N. Sivko, Belorussian Sanitary Inst, Minsk

"Mikrobiol" Vol XXI, No 2, pp 139-145

Describe the properties of the chlorophyll-contg "green bacterium" (for which the name Bacterium chlorophyllophorum is suggested) and the role which it plays in purification of liquid effluents from sewage at the city of Minsk.

210T9

VINBERG, G.G.

Fish Culture

Biological basis for use of mineral fertilizers in fish hatching ponds. Usp. sovr. biol. 34 no. 1(4), 1952.

9. Monthly List of Russian Accessions, Library of Congress, November 1952, Uncl.

VINBERG, G.G.

Determination of the chlorophyll content in the plankton. G. G. Vinberg and T. N. Sivko. *Izvest. Akad. Nauk Belorussk. S.S.R.* 1953, No. 3, 61-74.—The method of Harvey (cf. *C.A.* 28, 4490[1]) which is universally used to det. chlorophyll (I) in marine phytoplankton, is highly inaccurate. In a series of expts. the following method was developed which gives reproducible results for samples contg. 10 γ I and above. Suspend 3 g. of a well-powd. Jena glass in a conical container with 300 ml. water, after 5-min. standing decant the upper layer, pour 50 ml. of the decanted suspension over a membrane filter in a Büchner funnel to cover the filter with the glass powder, and then use the filter so treated for the filtration of the exptl. water (collecting of phytoplankton). Air dry the filter and the retained plankton, sep. the membrane filter from the glass layer and the plankton and transfer quantitatively into a centrifuge tube, mix with 3 ml. MeOH, and immerse the mixt. several times into boiling water for 1 min. to facilitate the extn. of I from the plankton; repeat the extn. 3 times, combine the supernatants, make to 10 ml. with MeOH, and then measure the concn. of I photocolorimetrically, a Pulfrich photocolorimeter, filter No. S 66.6 being used. Use a standard curve of a pure prepn. of I to calc. the I concn. in the exptl. samples. The covering of the membrane filters with the glass layer secures the retaining of all particles of plankton of the exptl. waters; the dried plankton prepn. (with glass powder) can be stored in darkness for 1 month without losing its I content. The plankton prepn. being stored has to be wet before MeOH extn. 34 references.

E. Wierbicki

VINBERG, G.G.; LOMONOSOVA, M.S.

General count of bacteria and oxygen utilization rate in waters of various stages of pollution. Mikrobiologiia, Moskva 22 no.3:294-303 May-June 1953. (CLML 25:5)

1. Belorussian Sanitary Institute, Minsk.

1. VINBERG, G. G. (Prof.)

2. USSR (600)

4. Water - Analysis

7. Selecting water samples without a bathometer. Ryb. khoz. 29, No. 4, 1953.

9. Monthly List of Russian Accessions, Library of Congress, April 1953. Unclassified.

VINBERG, G.G.; KHARTOVA, L. Ye.

Intensity of metabolism in young carp. Doklady Akad. Nauk S.S.S.R. 89, 1119-22 '53. (MLRA 6:4)
(CA 47 no.19:10138 '53)

USSR/ Biology - Pisciculture

Card 1/1 : Pub. 86 - 19/34

Authors : Vinberg, G. G., Professor

Title : Fertilization of fish ponds

Periodical : Priroda 1, 105-108, Jan 1954

Abstract : The effectiveness of using organic and mineral fertilizers in the fish breeding industry in the USSR is discussed. Three USSR references (1949-1952). Illustrations.

Institution : The V. I. Lenin Byelorussian State University

Submitted : .....

VINBERG, G. G.
USSR/Biology

Card 1/1

Author : Vinberg, G. G. Professor

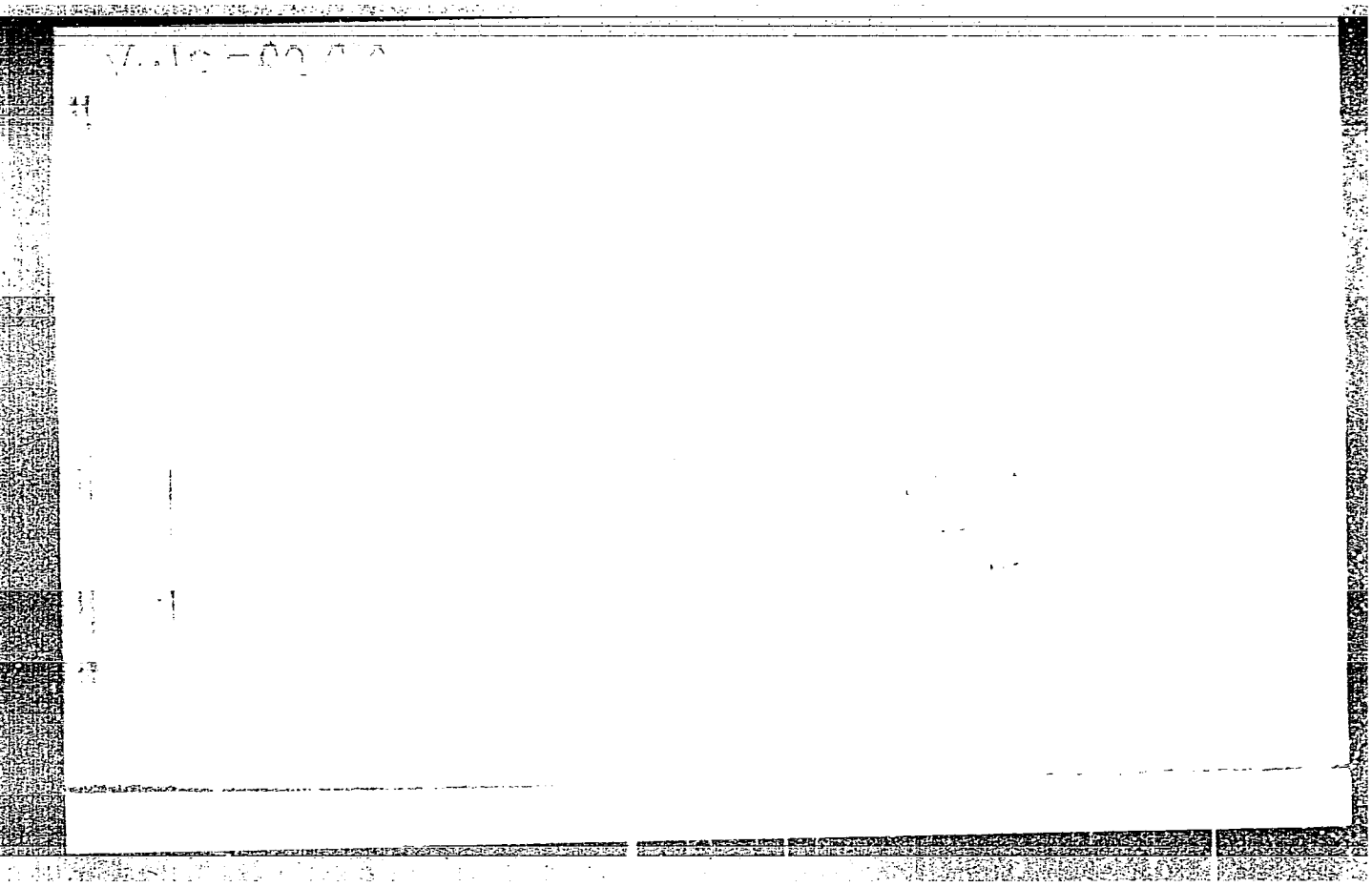
Title : Radioactive carbon and photosynthesis of the sea plankton

Periodical : Priroda, 5, 92 - 94, May 1954

Abstract : The author discusses the experiences of the Danish planktologist E. Steemann-Nielsen. This author measured the intensity of the photosynthesis of the plankton of the Indian ocean by using the radioactive carbon isotope. The analysis data indicate that the sea produces 800% more organic substances than land vegetation. If the actual primary production of the sea, which occupies 71% of the earths surface, is close to the production of land, then the sea plankton utilizes less than twice the solar energy of land vegetation.

Institution : The V. I. Lenin Byelorussian State University

Submitted : ....



VINBERG, G.G. (Minsk)

Toxic phytoplankton. Usp. sovr. biol. 38 no.2:216-226 S-O '54.
(MLRA 8:1)
(WATER,
plankton, tox.)

VINBERG, G.G., professor.

Fertilization of ponds. Priroda 43 no.1:105-108 Ja '54. (MLRA 7:1)

1. Belorusskiy gosudarstvennyy universitet im. V.I.Lenina.
(Fish ponds)